

Attachment B

DWR Well Completion Reports



(Original copy submitted to the SCVWD Wells Division)

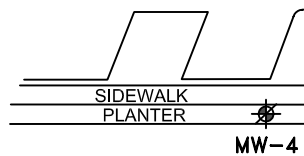
Jan 03, 2006 - 12:52pm
X:\x-env\waste\BP GEM\Sites\Lynelle Onishi - SCWVD ARCO Sites\2005 Well Destructions\Drawings\FIG1- Revised.dwg



NORTH

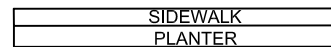
LEGEND:

-  DESTROYED GROUNDWATER MONITORING WELL
-  DESTROYED GROUNDWATER EXTRACTION WELL



MW-4

MW-8



MW-8

MW-10

EX-1

MW-6 SIDEWALK

EX-2

MW-12

MW-9

MW-3

SOUTH PARK VICTORIA DRIVE

SIDEWALK

MW-7

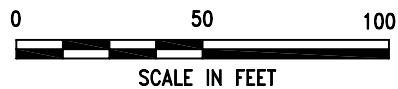
MW-11

BUILDING

BUILDING

CHANNEL
SCWVD ACCESS RD.

MW-5



SCALE IN FEET

URS

Project No. 38487376

Former Arco Service
Station #2100
98 South Park Victoria Milpitas, California

SITE PLAN

FIGURE
1

LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-3

PROJECT NAME **ARCO SS#2100, Milpitas**

PAGE 1 OF 2

BY J. BRADLEY DATE 9/18/89

SURFACE ELEV. 53.18 ft.

Recovery (ft/ft)	PID (ppm)	Penetration (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
							<p>CLAY (CL); black (10YR, 2/1); trace fine-grained sand; stiff; moist; no product odor.</p> <p>@7': brown (10YR, 5/2); 5-15% fine-grained sand; stiff; moist; no product odor.</p> <p>CLAYEY SAND (SC); pale brown (10YR, 6/3); 25% low plasticity fines; fine- to medium-grained; medium dense; damp; no product odor.</p> <p>CLAY (CL); brown (10YR, 5/3); trace fine-grained sand; 5% coarse-grained sand; common caliche-filled burrows; stiff; moist; no product odor.</p> <p>CLAYEY GRAVEL (GC); brown (10YR, 5/3); 15% low plasticity fines; 25% fine- to coarse-grained sand; 60% fine- to coarse-gravel; angular; very dense; wet; no product odor.</p>	
18/18		33		10				
16/18		17		15				
			(9/26/89)					
16/18		29		20				



REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch diameter PVC casing as presented in attached well details.

LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-3

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/18/89

SURFACE ELEV. 53.18 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
6/18		31		25			CLAY (CL); yellowish brown (10YR, 4/2); low to moderate plasticity; 10-15% fine-grained sand; abundant caliche-filled burrows; very stiff; moist; no product odor.	
18/18		32		30			CLAYEY SAND (SC); yellowish brown (10YR, 5/4); 15-20% low plasticity fines; fine- to medium-grained, coarsening downward; medium dense; wet; no product odor.	
3/18		25		35				
9/18		100					SANDY GRAVEL (GP); brown (10YR, 5/3); 5% low plasticity fines; 45% fine- to coarse-grained sand; 60% fine gravel, trace coarse gravel; very dense; wet; no product odor. BORING TERMINATED AT 37 FEET.	
				40				

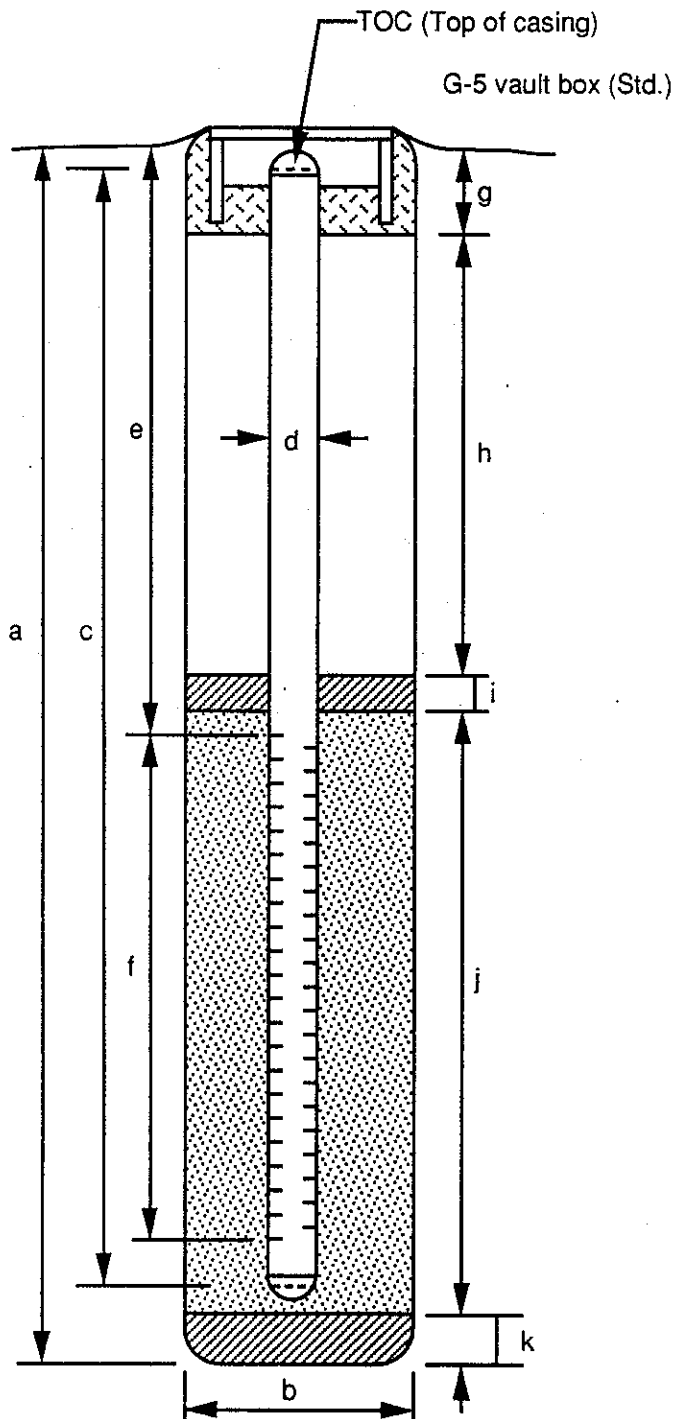
REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch diameter PVC casing as presented in attached well details.



WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-3
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 52.47'
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 53.18'
 WELL PERMIT NO. 89W1759 DATUM MSL
 INSTALLATION DATE 9/18/89



EXPLORATORY BORING

a. Total depth 37 ft.
 b. Diameter 8 in.
 Drilling method HOLLOW-STEM AUGER

WELL CONSTRUCTION

c. Total casing length 36 ft.
 Material SCHEDULE 40 PVC
 d. Diameter 2 in.
 e. Depth to top perforations 16 ft.
 f. Perforated length 20 ft.
 Perforated interval from 16 to 36 ft.
 Perforation type MACHINE SLOT
 Perforation size 0.020 INCH
 g. Surface seal 1 ft.
 Material CONCRETE
 h. Backfill 9 ft.
 Material NEAT CEMENT
 i. Seal 3 ft.
 Material BENTONITE
 j. Gravel pack 23 ft.
 Gravel pack interval from 13 to 36 ft.
 Material 12 X 20 MONTEREY SAND
 k. Bottom seal/fill 1 ft.
 Material COMPACTED CLAY AND GRAVEL

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>H. H. H. H.</u>		Date of Inspection: <u>11-25-05</u>		Permit: <u>05D00627</u>	
Owner/Consultant No.: <u>0111-2</u>			Well Registration No.: <u>065015050017</u>		
Well Owner: <u>Atkins R. H. H. H.</u>		Address of Well Site: <u>15 E. Park Vista</u>		City or County: <u>San Jose</u>	
Drilling Company: <u>Greene</u>		Consultant: <u>URS</u>			
Well Depth: <u>36' 01"</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)					
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____ _____ _____					

LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-4

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 1 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.76 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				5			CLAY (CL); light olive brown (2.5Y, 5/4); 10-15% fine- to coarse-grained sand; stiff; moist; no product odor.	
				10			@5': very dark gray (10YR, 3/1); moderate plasticity; <5% fine-grained sand; very stiff; damp; no product odor.	
		20		15			@10': brown (10YR, 5/3); 15% medium-grained sand; occasional caliche-filled burrows; very stiff; damp; no product odor.	
		18		20			@14': 3-inch lens of clayey fine-grained sand; 20-30% low plasticity fines; moist; no product odor.	
				25			SANDY CLAY (CL); brown (10YR, 5/3); 75% low plasticity fines; 25% fine-grained sand; abundant caliche-filled burrows; stiff to very stiff; moist; no product odor.	
		28		28				
				20				

REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-4

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.76 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				33			CLAY (CL); dark brown (10YR, 4/3) low plasticity fines; 30% fine- to medium-grained sand; abundant caliche-filled burrows; some MnO stain; stiff to very stiff; moist; no product odor.	
				33			@ 24": yellowish brown (10 YR, 5/4); moderate to high plasticity fines; 10-15% fine- to medium-grained sand; occasional caliche-filled burrows; stiff to very stiff; wet; no product odor.	
				25			CLAYEY SAND (SC); light olive brown; (2.5Y, 5/4); 30-40% low plasticity fines; fine-grained; dense; wet; no product odor.	
				25			SANDY CLAY (CL); brown (10.5YR, 4/3) 15-25% fine-grained sand; 10% fine gravel; occasional caliche-filled burrows; MnO staining; medium dense; wet; no product odor.	
				30			CLAY (CL); yellowish brown (10YR, 5/4); moderate plasticity fines; 20-25% fine- to coarse-grained sand; occasional caliche-filled burrows; trace iron oxide stain.	
				30			CLAYEY SAND (SC); 40% low plasticity fines; fine-grained, trace medium-grained; medium dense; wet; no product odor.	
				30			BORING TERMINATED AT 30.5 FEET.	
				35				
				40				

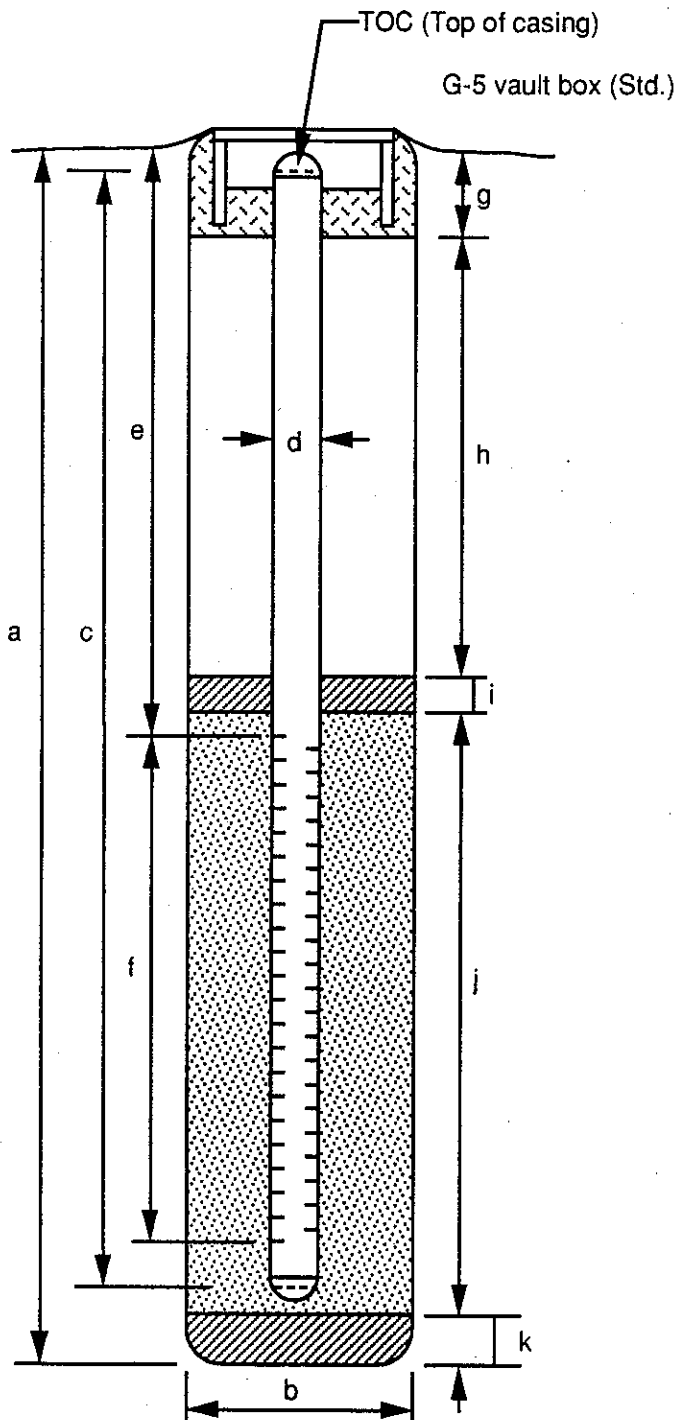


REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.

WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-4
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 53.92'
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 54.76'
 WELL PERMIT NO. 89W1760 DATUM MSL
 INSTALLATION DATE 9/20/89



EXPLORATORY BORING

a. Total depth 30.5 ft.
 b. Diameter 8 in.
 Drilling method HOLLOW-STEM AUGER

WELL CONSTRUCTION

c. Total casing length 29 ft.
 Material SCHEDULE 40 PVC
 d. Diameter 2 in.
 e. Depth to top perforations 13 ft.
 f. Perforated length 16 ft.
 Perforated interval from 13 to 29 ft.
 Perforation type MACHINE SLOT
 Perforation size 0.020 INCH
 g. Surface seal 1 ft.
 Material CONCRETE
 h. Backfill 6 ft.
 Material NEAT CEMENT
 i. Seal 3 ft.
 Material BENTONITE
 j. Gravel pack 19 ft.
 Gravel pack interval from 10 to 29 ft.
 Material 12 X 20 MONTEREY SAND
 k. Bottom seal/fill 1.5 ft.
 Material COMPACTED CLAY

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>H. H. H. H. H.</u>		Date of Inspection: <u>11-23-05</u>		Permit: <u>05000616</u>	
Owner/Consultant No.: <u>0110-4</u>			Well Registration No.: <u>06501E050016</u>		
Well Owner: <u>Alvin L. R. H. H. H.</u>		Address of Well Site: <u>98 E Park Victoria</u>		City or County: <u>San Jose</u>	
Drilling Company: <u>G. H. H.</u>		Consultant: <u>H. H. H.</u>			
Well Depth: <u>273</u>	Borehole Diameter: <u>5"</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>MC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____ _____ _____					

DWR 188 REV. 11-97 IF ADDITIONAL SPACE IS NEEDED, USE NEXT CONSECUTIVELY NUMBERED FORM

LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-5

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 1 OF 2

BY J. BRADLEY DATE 9/19/89

SURFACE ELEV. 51.93 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				5			SANDY GRAVEL (GW) - FILL ; dark grayish brown (2.5Y, 4/2); trace low plasticity fines; 20% fine- to coarse-grained sand; 75% fine- to coarse-gravel; very dense; moist; no product odor.	
		24		10			CLAY TO SANDY CLAY (CL) ; very dark gray (5YR, 3/1); 5-40% fine- to coarse-grained; very stiff; damp to moist; no product odor. @9': brown (10YR, 4/3); 5-10% fine- to medium-grained; low plasticity fines; very stiff; damp; no product odor.	
		22		13			@14': light yellowish brown (10YR, 6/4); 10-15% fine- to coarse-grained sand; 5% fine gravel; moist to very moist; no product odor.	
		25		20				

REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-5

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/19/89

SURFACE ELEV. 51.93 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
		37		25			SAND (SP); light olive brown (2.5Y, 5/4); trace to 5% non-plastic fines; fine- to coarse-grained (gaps in grading), trace fine gravel; medium dense; wet; no product odor.	
		24		30			CLAY (CL); light brown (7.5YR, 6/4); low to moderate plasticity fines; 10-15% fine- to medium-grained sand, trace coarse sand; trace disseminated caliche; very stiff; moist. @29-30': 25-35% fine- to coarse-grained sand; firm to stiff; very moist to wet. @30-30.5': trace sand; stiff to very stiff; moist; no product odor. BORING TERMINATED AT 30.5 FEET.	
				35				
				40				

REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.

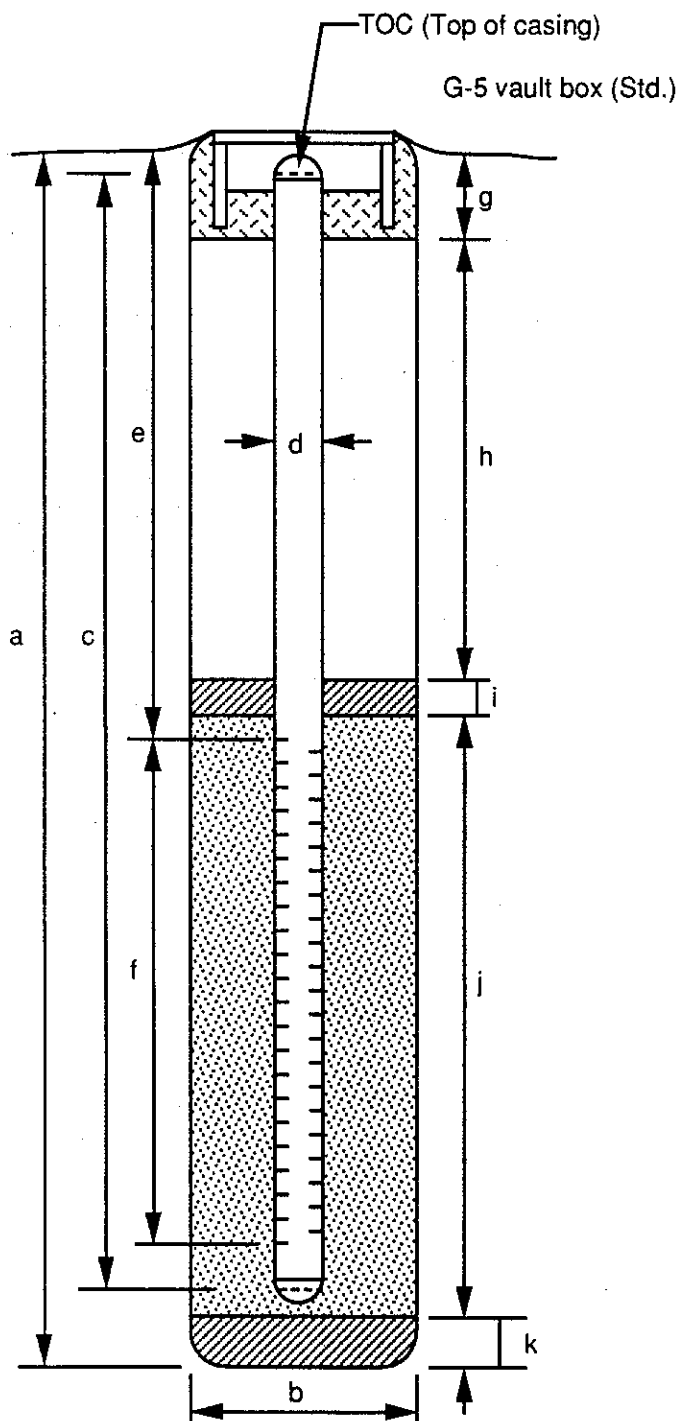


WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-5
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 51.25'
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 51.93'
 WELL PERMIT NO. 89W1761 DATUM MSL

9/19/89

INSTALLATION DATE



EXPLORATORY BORING

a. Total depth 30.5 ft.
 b. Diameter 8 in.
 Drilling method HOLLOW-STEM AUGER

WELL CONSTRUCTION

c. Total casing length 26.5 ft.
 Material SCHEDULE 40 PVC
 d. Diameter 2 in.
 e. Depth to top perforations 14 ft.
 f. Perforated length 12.5 ft.
 Perforated interval from 14 to 26.5 ft.
 Perforation type MACHINE SLOT
 Perforation size 0.020 INCH
 g. Surface seal 1 ft.
 Material CONCRETE
 h. Backfill 7 ft.
 Material NEAT CEMENT
 i. Seal 3 ft.
 Material BENTONITE
 j. Gravel pack 15.5 ft.
 Gravel pack interval from 11 to 26.5 ft.
 Material 12 X 20 MONTEREY SAND
 k. Bottom seal/fill 4 ft.
 Material BENTONITE

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: Thiemann		Date of Inspection: 12/22/05		Permit: 05D00628	
Owner/Consultant No.: MW-5		Well Registration No.: 06301E05Q024			
Well Owner: Atlantic Richfield		Address of Well Site: S Park Victoria & Los Cochos Channel		City or County: Milp	
Drilling Company: Gregg		Consultant: LRS			
Well Depth: 26.5	Borehole Diameter: 8"	Casing Diameter: 2"	Casing Material: PVC	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: Ø to Ø			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry		
			<input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate					
<input type="checkbox"/> Bail, Perf. & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: Long:					
Comments:					

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>Thienmann</u>		Date of Inspection: <u>12/22/05</u>		Permit: <u>05D00863</u>	
Owner/Consultant No.: <u>MW-6</u>		Well Registration No.: <u>06501E05Q043</u>			
Well Owner: <u>Atlantic Richfield</u>		Address of Well Site: <u>90 S Park Victoria</u>		City or County: <u>Milp</u>	
Drilling Company: <u>Gregg</u>		Consultant: <u>LRS</u>			
Well Depth: <u>Not Listed</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: <u>0</u> to <u>0</u>			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____ _____ _____					

LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-7

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 1 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.62 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				5			CLAY (CL); light olive brown (2.5Y, 5/4); low-plasticity fines; 5% medium- to coarse-grained sand; stiff; moist; no product odor. @ 1': very dark gray (10YR, 3/1); low plasticity fines; 15% fine- to coarse-grained sand; stiff to very stiff; moist; no product odor.	
		20		10			SANDY CLAY (CL); pale brown (10YR, 6/3); 15-20% fine-grained sand; occasional MnO and FeO stains; rare caliche-filled root holes and burrows, some burrows open; stiff; moist; no product odor.	
		22		15			CLAYEY SAND (SC); brown (10YR, 5/3); 40-45% low plasticity fines; 55% fine- to coarse-grained; trace fine gravel; common open burrows (dry); common caliche-filled burrows; medium dense; very moist to wet @ 16'; no product odor.	
		27		20				

REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.03

BORING NO. MW-7

PROJECT NAME ARCO SS#2100, Milpitas

PAGE 2 OF 2

BY J. BRADLEY DATE 9/20/89

SURFACE ELEV. 54.62 ft.

Recovery (ft/ft)	PID (ppm)	Penetra- tion (blws/ft)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
				37			CLAYEY GRAVEL (GC); dark yellow-brown (10YR, 4/4); 30% low plasticity fines; 25% fine- to coarse-grained sand; 55% fine- to coarse-gravel; medium dense; wet; occasional FeO stain; no product odor.	
				25			CLAY (CL); brown (10 YR, 5/3); medium- to high-plasticity fines; 5% fine-grained sand; common caliche in veins, nodules and patches; moist; very stiff; no product odor.	
				20			SANDY CLAY (CL); brown (10YR, 5/3); 30% fine- to medium-grained sand, grain-size increasing downward; common burrows, some infilled with caliche; burrows dry; stiff; moist; no product odor.	
				30			CLAYEY SAND (SC); 30-35% low-plasticity fines; fine- to medium-grained sand; occasional caliche-filled burrows; medium dense; wet; no product odor.	
							BORING TERMINATED AT 30.5 FEET.	
				35				
				40				

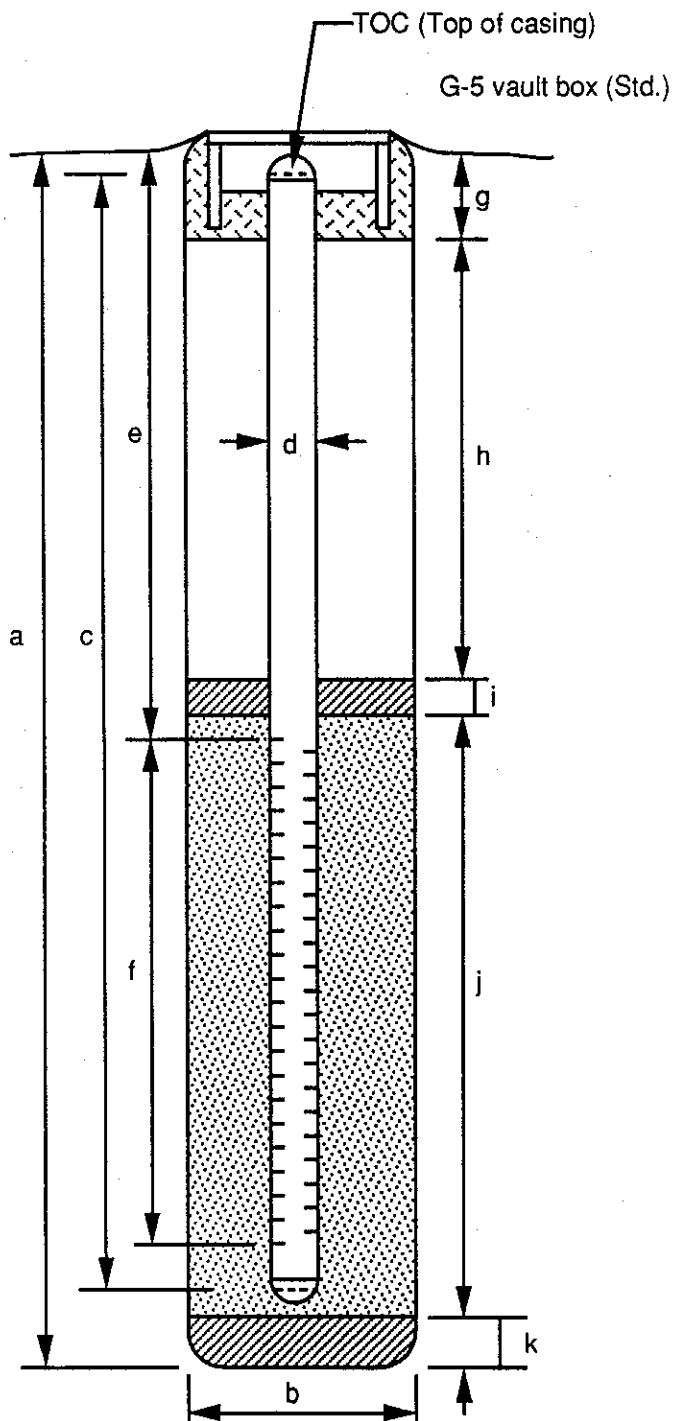
REMARKS

Drilled with 8-inch-diameter hollow-stem auger drilling equipment; converted to verification g.w. monitoring well with 2-inch-diameter PVC casing as presented in the attached well details.



WELL DETAILS

PROJECT NUMBER 805-73.03 BORING / WELL NO. MW-7
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. 54.18'
 LOCATION 98 S. PARK VICTORIA GROUND SURFACE ELEV. 54.62'
 WELL PERMIT NO. 89W1763 DATUM MSL
 INSTALLATION DATE 9/20/89



EXPLORATORY BORING

a. Total depth 30.5 ft.
 b. Diameter 8 in.
 Drilling method HOLLOW-STEM AUGER

WELL CONSTRUCTION

c. Total casing length 28 ft.
 Material SCHEDULE 40 PVC
 d. Diameter 2 in.
 e. Depth to top perforations 11 ft.
 f. Perforated length 17 ft.
 Perforated interval from 11 to 28 ft.
 Perforation type MACHINE SLOT
 Perforation size 0.020 INCH
 g. Surface seal 1 ft.
 Material CONCRETE
 h. Backfill 4 ft.
 Material NEAT CEMENT
 i. Seal 3 ft.
 Material BENTONITE
 j. Gravel pack 20 ft.
 Gravel pack interval from 8 to 28 ft.
 Material 12 X 20 MONTEREY SAND
 k. Bottom seal/fill 2.5 ft.
 Material BENTONITE

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>H. J. J. J.</u>		Date of Inspection: <u>11-22-05</u>		Permit: <u>05D00625</u>	
Owner/Consultant No.: <u>7111-7</u>			Well Registration No.: <u>063015059025</u>		
Well Owner: <u>Charles R. J. J.</u>		Address of Well Site: <u>985 Park View</u>		City or County: <u>San Jose</u>	
Drilling Company: <u>G. J. J.</u>		Consultant: <u>URS</u>			
Well Depth: <u>17.9</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>7WC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____					

Distribution: **ORIGINAL**-Permit File; **YELLOW**-City/County; **PINK**-Well File; **GOLDENROD**-Permittee

Permit No. 05000841 Permit Date 12-6-05

DWR USE ONLY — DO NOT FILL IN											
06501E050042											
STATE WELL NO./STATION NO.											
<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100%; height: 20px;"></div>						<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100%; height: 20px;"></div>					
LATITUDE						LONGITUDE					
<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <div style="border: 1px solid black; width: 100%; height: 20px;"></div>											
APN/TRS/OTHER											

GEOLOGIC LOG				WELL OWNER			
ORIENTATION (\angle) _____ VERTICAL _____ HORIZONTAL _____ ANGLE _____ (SPECIFY)		DRILLING METHOD _____ FLUID _____		Name <u>Atlantic Richfield Co.</u>			
DEPTH FROM SURFACE <div style="display: flex; justify-content: space-between;"><div>Ft.</div><div>to</div><div>Ft.</div></div>		DESCRIPTION <i>Describe material, grain size, color, etc.</i>		Mailing Address <u>P.O. Box 6549</u> <u>Moraga CA 94570</u>			
<div style="display: flex; justify-content: space-between;"><div>0</div><div>35</div></div>		<u>Pressure grouted well per SCWD Requirements</u>		CITY _____ STATE _____ ZIP _____			
				WELL LOCATION			
				Address <u>98 So. Park Victoria Dr.</u>			
				City <u>Milpitas</u>			
				County <u>Santa Clara</u>			
				APN Book <u>088</u> Page <u>04</u> Parcel <u>078</u>			
				Township _____ Range _____ Section _____			
				Latitude _____ NORTH _____ Longitude _____ WEST _____			
				LOCATION SKETCH			
				NORTH			
				See Attached Map			
				SOUTH			
				Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.			
				ACTIVITY (\angle)			
				<input type="checkbox"/> NEW WELL <input type="checkbox"/> MODIFICATION/REPAIR <input type="checkbox"/> Deepen <input type="checkbox"/> Other (Specify) _____ <input checked="" type="checkbox"/> DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")			
				PLANNED USES (\angle)			
				WATER SUPPLY <input type="checkbox"/> Domestic <input type="checkbox"/> Public <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> MONITORING <input type="checkbox"/> TEST WELL <input type="checkbox"/> CATHODIC PROTECTION <input type="checkbox"/> HEAT EXCHANGE <input type="checkbox"/> DIRECT PUSH <input type="checkbox"/> INJECTION <input type="checkbox"/> VAPOR EXTRACTION <input type="checkbox"/> SPARGING <input type="checkbox"/> REMEDIATION <input type="checkbox"/> OTHER (SPECIFY) _____			
				WATER LEVEL & YIELD OF COMPLETED WELL			
				DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE			
				DEPTH OF STATIC WATER LEVEL _____ (Ft.) & DATE MEASURED _____			
				ESTIMATED YIELD * _____ (GPM) & TEST TYPE _____			
				TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.)			
				* May not be representative of a well's long-term yield.			
TOTAL DEPTH OF BORING <u>40</u> (Feet)		TOTAL DEPTH OF COMPLETED WELL <u>35</u> (Feet)					

[illegible]

<p>ATTACHMENTS (✓)</p> <p><input type="checkbox"/> Geologic Log</p> <p><input checked="" type="checkbox"/> Well <u>Completion Rpt.</u></p> <p><input type="checkbox"/> Well Construction Diagram</p> <p><input type="checkbox"/> Geophysical Log(s)</p> <p><input type="checkbox"/> Soil/Water Chemical Analyses</p> <p><input checked="" type="checkbox"/> Other <u>Well Dest. Notice</u></p> <p>ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.</p>	<p align="center">CERTIFICATION STATEMENT</p> <p>I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.</p> <p>NAME <u>Kirks. Martin for Gregg Drilling</u></p> <p align="center"><small>(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)</small></p> <p><u>950 Howe Rd.</u> <u>Martinez CA 94553</u></p> <p>ADDRESS CITY STATE ZIP</p> <p>Signed <u>[Signature]</u> DATE SIGNED <u>12-29-05</u></p> <p align="center"><small>WELL DRILLER/AUTHORIZED REPRESENTATIVE</small></p> <p align="right"><small>C-57 LICENSE NUMBER</small></p>
---	---

ORIGINAL
File with DWR

Page 1 of 1

Owner's Well No. MW-8

Date Work Began 11/26/91 Ended 11/26/91

Local Permit Agency SCVWD

Permit No. 91W2491

STATE OF CALIFORNIA
WELL COMPLETION REPORT

Refer to Instruction Pamphlet

No. 398071

DWR USE ONLY - DO NOT FILL IN

0.6 510.1 E 0.510133 A

STATE WELL NO./STATION NO.

LATITUDE LONGITUDE

APN/TRA/OTHER

GEOLOGIC LOG

ORIENTATION (X) VERTICAL HORIZONTAL ANGLE (SPECIFY)

DEPTH TO FIRST WATER 21.5 (FL) BELOW SURFACE

DEPTH FROM SURFACE

DESCRIPTION

Describe material, grain size, color, etc.

Fl.	to	Fl.	DESCRIPTION
0	0.5		ASPHALT
0.5	8.0		KKXXCLAY (CL), very dark brown (10YR, 2/2); 5% sand; stiff; damp
8.0	17.5		CLAYEY SAND (SC), light yellowish brown (2.5Y, 6/4); 25% fines; medium dense; damp
17.5	27.0		SANDY CLAY (CL), light yellowish brown (2.5Y, 6/4); 40% sand; very stiff; damp
27.0	29.0		CLAYEY SAND (SC), light olive brown (2.5Y, 5/6); 35% fines; 5% gravel medium dense; moist
29.0	37.5		SANDY CLAY (CL), light olive brown (2.5Y, 5/6); 35% sand; hard; damp.
37.5	40.0		CLAYEY SAND (SC), light olive brown (2.5Y, 5/6); 35% fines; 65% sand; dense; damp.

TOTAL DEPTH OF BORING 40.0 (Feet)

TOTAL DEPTH OF COMPLETED WELL 35 (Feet)

WELL OWNER

Name ARCO Products Company

Mailing Address 98 South Park Victoria

City Milpitas, CA 95035

WELL LOCATION

Address same as above

City

County

APN Book 88 Page 4 Parcel 074

Township Range Section

Latitude Longitude

LOCATION SKETCH

ACTIVITY (X) NEW WELL

MODIFICATION/REPAIR

Deepen

Other (Specify)

DESTROY (Describe Procedure and Materials Under "GEOLOGIC LOG")

PLANNED USE(S)

X MONITORING

WATER SUPPLY

Domestic

Public

Irrigation

Industrial

"TEST WELL"

CATHODIC PROTECTION

OTHER (Specify)

DRILLING METHOD Hollow-stem augers FLUID NA

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL NA (FL) & DATE MEASURED NA

ESTIMATED YIELD NA (GPM) & TEST TYPE NA

TEST LENGTH NA (Hrs.) TOTAL DRAWDOWN NA (FL)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE	BORE-HOLE DIA. (Inches)	CASING(S)					INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	ANNULAR MATERIAL			
		TYPE (X)	MATERIAL GRADE	TYPE	CE-MENT (X)	BEN-TONITE (X)				FILL (X)	FILTER PACK (TYPE/SIZE)		
0	20.0	8	X	PVC	2	Sch 40			0	1	concrete		
20	35.0	8	X	PVC	2	Sch 40		0.020	1	14	x		
									14	17	x		
									17	35		2/12/ Sand	
									35	40	x		

ATTACHMENTS (X)

Geologic Log

Well Construction Diagram

Geophysical Log(s)

Soil/Water Chemical Analyses

Other

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Exploration Geoservices

ADDRESS 1535 INDUSTRIAL WAY SAN JOSE CA 95112

Signed Exploration Geoservices 1/27/92

DATE SIGNED 1/27/92

CERT. NUMBER 484288

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: Thiemann		Date of Inspection: 12/22/05		Permit: 05D000841	
Owner/Consultant No.: MW-8		Well Registration No.: 06501E05Q042			
Well Owner: Atlantic Richfield		Address of Well Site: 98 S. Park Victoria		City or County: Milp	
Drilling Company: Gregg		Consultant: LRS			
Well Depth: 31.5	Borehole Diameter: 8"	Casing Diameter: 2"	Casing Material: Pvc	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: Ø to Ø			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)					
GPS Coordinates: Lat: Long:					
Comments:					

ORIGINAL
File with DWR

805-73.19

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet

Page 1 of 1

Owner's Well No. MW-9

No. 398072

Date Work Began 11/25/91

Ended 11/25/91

Local Permit Agency

Permit No.

91W2497

Permit Date

11-20-91

DWR USE ONLY - DO NOT FILL IN

0.651011E051031A	
STATE WELL NO./STATION NO.	
LATTITUDE	
LONGITUDE	
APN/TRS/OTHER	

GEOLOGIC LOG

ORIENTATION (Z) ☒ VERTICAL ☐ HORIZONTAL ☐ ANGLE (SPECIFY)

DEPTH TO FIRST WATER 22.0 (Ft) BELOW SURFACE

DEPTH FROM SURFACE	DESCRIPTION
Ft. to Ft.	Describe material, grain size, color, etc.
0 to 7.0	SANDY CLAY (CL), very dark gray (5Y, 3/1); 25-30% sand; damp
7.0 to 17.0	CLAYEY SAND (SC), pale brown (10YR, 6/3); 40% fines; dense; damp
17.0 to 19.0	SANDY GRAVEL (GC), brown (10YR, 5/3); 15% fines; 40% sand; very moist
19.0 to 27.5	SANDY CLAY (CL), dark yellowish brown (10YR, 3/4); 20-25% sand; hard; damp
27.5 to 32.0	CLAYEY SAND (SC), dark brown (10YR, 4/3); 40-45% fines; dense; damp to moist
32.0 to 34.0	SANDY CLAY (CL), dark yellowish brown (10YR, 3/4); 35% fine sand; stiff; damp
34.0 to 37.0	CLAYEY SAND (SC), dark yellowish brown (10YR, 3/4); 40% fines; dense; damp
37.0 to 39.5	CLAYEY GRAVEL (GC), dark yellowish brown (10YR, 3/4); 15-20% fines; 35% sand; 45-50% gravel; wet
39.5 to 40.0	SAND (SP), dark yellowish brown (10YR, 3/4); 5% fines; wet

TOTAL DEPTH OF BORING ~~XXX~~ 40.0 (Ft)

TOTAL DEPTH OF COMPLETED WELL 40.0 (Ft)

WELL OWNER

Name ARCO Products Company

Mailing Address 98 South Park Victoria Milpitas, CA 95035

CITY WELL LOCATION STATE ZIP

Address same as above

City

County

APN Book 88 Page 4 Parcel 074

Township 88 Range Section

Latitude Longitude

LOCATION SKETCH

NORTH

WEST EAST

PLEASE BE ACCURATE & COMPLETE

ACTIVITY (Z)

☒ NEW WELL

MODIFICATION/REPAIR

☐ Deepen

☐ Other (Specify)

DESTROY (Describe Procedure and Materials Under "GEOLOGIC LOG")

PLANNED USE(S)

☒ MONITORING

WATER SUPPLY

☐ Domestic

☐ Public

☐ Irrigation

☐ Industrial

☐ "TEST WELL"

☐ CATHODIC PROTECTION

☐ OTHER (Specify)

DRILLING METHOD Hollow-stem augers/LWD NA

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH OF STATIC WATER LEVEL NA (Ft.) & DATE MEASURED NA

ESTIMATED YIELD NA (GPM) & TEST TYPE NA

TEST LENGTH NA (Ft.) TOTAL DRAWDOWN NA (Ft.)

* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE		BORE-HOLE DIA. (Inches)	CASING(S)					DEPTH FROM SURFACE	ANNULAR MATERIAL							
			TYPE (✓)				MATERIAL / GRADE		INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	TYPE				
Fl.	to Fl.		BLANK	SCREEN	CON. DIA.	FILL PVC								Fl.	to Fl.	CE- MENT (✓)
0	20.0	8	x				PVC	2	Sch 40		0	1	concrete			
20.0	35.0	8	x				PVC	2	Sch 40	0.020	1	16.0	x			
											16.0	18.0		x		
											18.0	35.0				2/12 Sand
											35.0	40.0		x		

ATTACHMENTS (Z)

☐ Geologic Log

☐ Well Construction Diagram

☐ Geophysical Log(s)

☐ Soil/Water Chemical Analysis

☐ Other

ATTACH ADDITIONAL INFORMATION IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME EXPLOSION ASSOCIATES

PERSON (FOR THE SIGNATURE) (TYPE OR PRINTED) 1520 2nd Street Way SAN JOSE, CA 95112

ADDRESS 1921 Birchwood Dr. San Jose, CA 95131

CITY STATE ZIP

Signed EMRON for Exploration Geoservice DATE SIGNED 1/27/92 484288

WELL DRILLER/AUTHORIZED REPRESENTATIVE

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

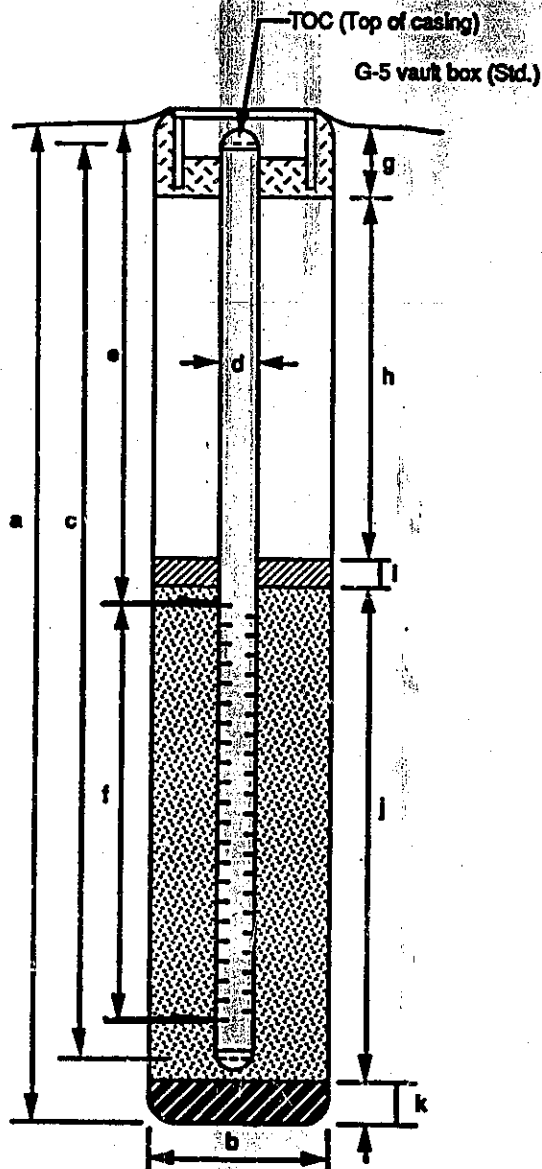
FCE 218 (08-14-98)

Inspector: Thiemann		Date of Inspection: 12/22/05		Permit: 05D00633	
Owner/Consultant No.: MW-9			Well Registration No.: 06301EC5G040		
Well Owner: Atlantic Richfield Co		Address of Well Site: 98 S. Park		City or County: Victoria Milp	
Drilling Company: FREGG		Consultant: LRS			
Well Depth: 35	Borehole Diameter: 8"	Casing Diameter: 2"	Casing Material: PVC	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: 0 to 0			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: Long:					
Comments:					

06SDIE05Q32A

WELL DETAILS

PROJECT NUMBER 805-73.19 BORING / WELL NO. MW-10
 PROJECT NAME Arco Service Station No. 2100 TOP OF CASING ELEV. _____
 LOCATION 98 S. Park Victoria, Milpitas, CA GROUND SURFACE ELEV. _____
 WELL PERMIT NO. _____ DATUM MSL
 INSTALLATION DATE 11/26/91



EXPLORATORY BORING

a. Total depth 35.0 ft.
 b. Diameter 8 in.
 Drilling method Hollow-Stem Augers

WELL CONSTRUCTION

c. Total casing length 35.0 ft.
 Material Schedule 40 PVC
 d. Diameter 2 in.
 e. Depth to top perforations 20.0 ft.
 f. Perforated length 15.0 ft.
 Perforated interval from 20.0 to 35.0 ft.
 Perforation type Machine Slotted
 Perforation size 0.020 inch
 g. Surface seal _____ ft.
 Material _____
 h. Backfill 11.0 ft.
 Material Cement-sand slurry
 i. Seal 7.0 ft.
 Material Bentonite Pellets
 j. Gravel pack _____ ft.
 Gravel pack interval from _____ to _____ ft.
 Material Lonestar 2/12 sand
 k. Bottom seal/fill NA ft.
 Material _____

Form prepared by CAS

91W2493

⑤

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

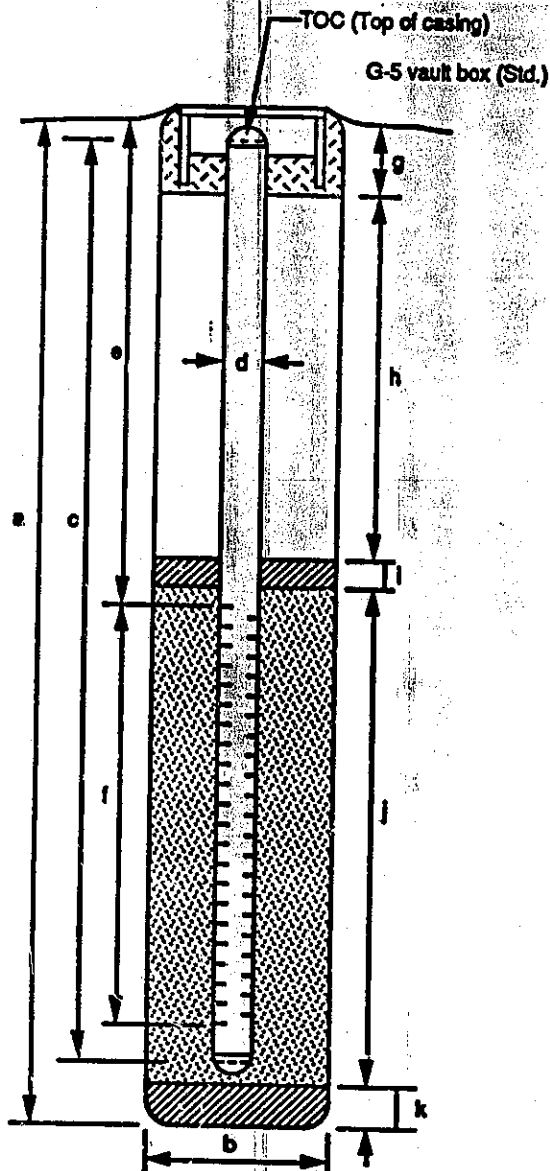
Inspector: <u>Thienmann</u>		Date of Inspection: <u>12/22/05</u>		Permit: <u>05DC0629</u>	
Owner/Consultant No.: <u>MIV-10</u>			Well Registration No.: <u>06501E05Q041</u>		
Well Owners: <u>Atlantic Richfield</u>		Address of Well Site: <u>98 S. Park Victoria</u>		City or County: <u>Milp</u>	
Drilling Company: <u>Greer</u>		Consultant: <u>LRS</u>			
Well Depth: <u>35</u>	Borehole Diameter: <u>8"</u>	Casing Diameter: <u>2"</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: <u>0</u> to <u>0</u>			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat:		Long:			
Comments:					

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

06S01E05 & 30A

WELL DETAILS

PROJECT NUMBER 805-73.19 BORING / WELL NO. MW-11
 PROJECT NAME Arco Service Station No. 2100 TOP OF CASING ELEV. _____
 LOCATION 98 S. Park Victoria, Milpitas, CA. GROUND SURFACE ELEV. _____
 WELL PERMIT NO. _____ DATUM MSL
 INSTALLATION DATE 11/27/91

**EXPLORATORY BORING**

a. Total depth 34.5 ft.
 b. Diameter 8 in.
 Drilling method Hollow-Stem Augers

WELL CONSTRUCTION

c. Total casing length 34.5 ft.
 Material Schedule 40 PVC
 d. Diameter 4.5 in.
 e. Depth to top perforations 18.0 ft.
 f. Perforated length 16.5 ft.
 Perforated interval from 18.0 to 34.5 ft.
 Perforation type Machine Slotted
 Perforation size 0.020 inch
 g. Surface seal _____ ft.
 Material _____
 h. Backfill 15.0 ft.
 Material Cement-sand slurry
 i. Seal 1.5 ft.
 Material Bentonite Pellets
 j. Gravel pack _____ ft.
 Gravel pack interval from _____ to _____ ft.
 Material Lonestar 2/12 sand
 k. Bottom seal/fill NA ft.
 Material _____

Form prepared by CAS

91W2494

5

FCE 218 (08-14-98)

Distribution: **ORIGINAL**-Permit File; **YELLOW**-City/County; **PINK**-Well File; **GOLDENROD**-Permittee

805-73.25
ORIGINAL
File with DWR

Page of
Owner's Well No. MW-12
Date Work Began 7/21/92 Ended 7/21/92
Local Permit Agency SCWD
Permit No. 92W1098

STATE OF CALIFORNIA
WELL COMPLETION REPORT
Refer to Instruction Pamphlet
No. 424098

DWR USE ONLY - DO NOT FILL IN
06.501E0503.6A
STATE WELL NO./STATION NO.
LATITUDE _____ LONGITUDE _____
APN/TRS/OTHER _____

GEOLOGIC LOG

ORIENTATION (Z)		DEPTH TO FIRST WATER	DESCRIPTION
FL.	TO FL.	(ft.) BELOW SURFACE	Describe material, grain size, color, etc.
0.0	1.0		Fill- Sand to Clayey Sand, dark yellow brown, dry.
1.0	7.5		Clay, very dark gray, damp
7.5	12.5		Sand to Clayey Sand, dark yellow brown, damp.
12.5	15.5		Gravel to Clayey Gravel, dark yellow brown, damp.
15.5	20.5		Sandy Clay, dark yellow brown, damp.
20.5	23.0		Clayey Gravel, dark yellow brown, wet.
23.0	27.5		Clay, dark yellow brown, damp.
27.5	29.9		Clayey Sand, dark brown, wet.
29.9	33.0		Clay, dark brown, damp.
33.0	36.0		Clayey Sand, dark brown, damp.
Boring terminated at 36.0 feet.			

TOTAL DEPTH OF BORING 36.0 (Feet)
TOTAL DEPTH OF COMPLETED WELL 36.0 (Feet)

WELL OWNER
Name Arco Products Company
Mailing Address P.O. Box 5811
San Mateo CA 94402
CITY STATE ZIP
WELL LOCATION
Address 98 South Pakk Victoria Drive
City Milpitas
County Santa Clara
APN Book 88 Page 04 Parcel 074
Township _____ Range _____ Section _____
Latitude _____ North Longitude _____ West

LOCATION SKETCH
NORTH
WELL CONSTRUCTION APPLICATION
Illustrate or Describe Distance of Well from Landmarks such as Roads, Buildings, Fences, Rivers, etc.
PLEASE BE ACCURATE & COMPLETE.
ACTIVITY (Z)
☒ NEW WELL
☐ MODIFICATION/REPAIR
— Deepen
— Other (Specify) _____
DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")
PLANNED USE(S) (Z)
☒ MONITORING
— Domestic
— Public
— Irrigation
— Industrial
— "TEST WELL"
— CATHODIC PROTECTION
— OTHER (Specify) _____

DRILLING METHOD Hollow-stem augers FLUID none
WATER LEVEL & YIELD OF COMPLETED WELL
DEPTH OF STATIC WATER LEVEL none (ft.) & DATE MEASURED N/A
ESTIMATED YIELD N/A (GPM) & TEST TYPE N/A
TEST LENGTH N/A (hrs.) TOTAL DRAWDOWN N/A (ft.)
* May not be representative of a well's long-term yield.

DEPTH FROM SURFACE FL. to FL.	BORE-HOLE DIA. (inches)	CASING(S)					DEPTH FROM SURFACE FL. to FL.	ANNULAR MATERIAL				
		TYPE (Z)	MATERIAL / GRADE	INTERNAL DIAMETER (inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (inches)		TYPE	CE- MENT (Z)	BEN- TONITE (Z)	FILL (Z)	FILTER PACK (TYPE/SIZE)
0.0	15.0	8	X	Sch 40 PVC	2	0.154	0.0	1.0				Concrete
15.0	35.0		X	Sch 40 PVC	2	0.154	1.0	11.0	X			10 Sack Sand
							11.0	13.0		X		2/12 Long-
							13.0	35.0				star Sand
							35.0	36.0		X		Slough

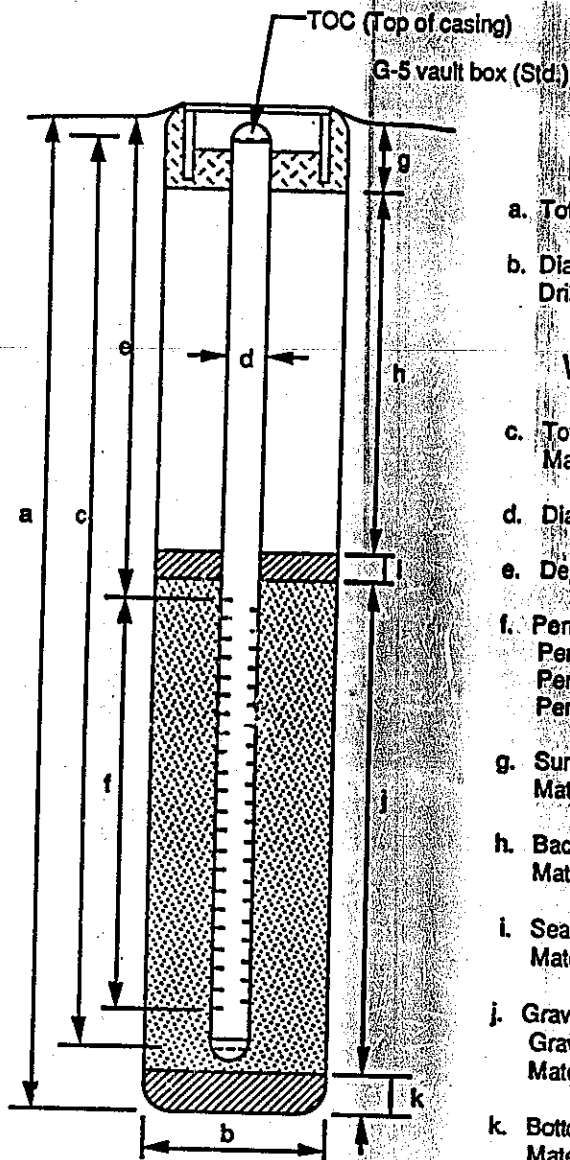
ATTACHMENTS (Z)
— Geologic Log
— Well Construction Diagram
— Geophysical Log(s)
— Soil/Water Chemical Analyses
— Other _____
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.
NAME Rayland Drilling Co.
(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINTED)
ADD. 41111 Ave Menlo Park CA 94025
CITY STATE ZIP
Signed EMCON for Rayland Drilling DATE SIGNED 8/25/92
WELL DRILLER/AUTHORIZED REPRESENTATIVE 374152
D57 LICENSE NUMBER

06501E05Q36A

WELL DETAILS

PROJECT NUMBER 805-73.25 BORING / WELL NO. MW-12
 PROJECT NAME ARCO 2100 TOP OF CASING ELEV. _____
 LOCATION Milpitas, CA GROUND SURFACE ELEV. _____
 WELL PERMIT NO. 92W1098 DATUM _____
 INSTALLATION DATE 7/21/92



EXPLORATORY BORING

- a. Total depth 36.0 ft.
 b. Diameter 8 in.
 Drilling method Hollow-stem augers

WELL CONSTRUCTION

- c. Total casing length 35.0 ft.
 Material Schedule 40 PVC
 d. Diameter 2 in.
 e. Depth to top perforations 15 ft.
 f. Perforated length 20 ft.
 Perforated interval from 15.0 to 35.0 ft.
 Perforation type machine slot
 Perforation size 0.020
 g. Surface seal (0.0'-0.1') 1.0 ft.
 Material Concrete
 h. Backfill (1.0'-11.0') 10.0 ft.
 Material 10 sack sand slurry
 i. Seal (11.0'-13.0') 2.0 ft.
 Material Bentonite
 j. Gravel pack (13.0'-35.0') 22.0 ft.
 Gravel pack interval from _____
 Material Lonestar 2/12 Sand
 k. Bottom seal/fill (35.0'-36.0') 1.0 ft.
 Material Slough

Form prepared by T. Walker

5

Santa Clara Valley Water District



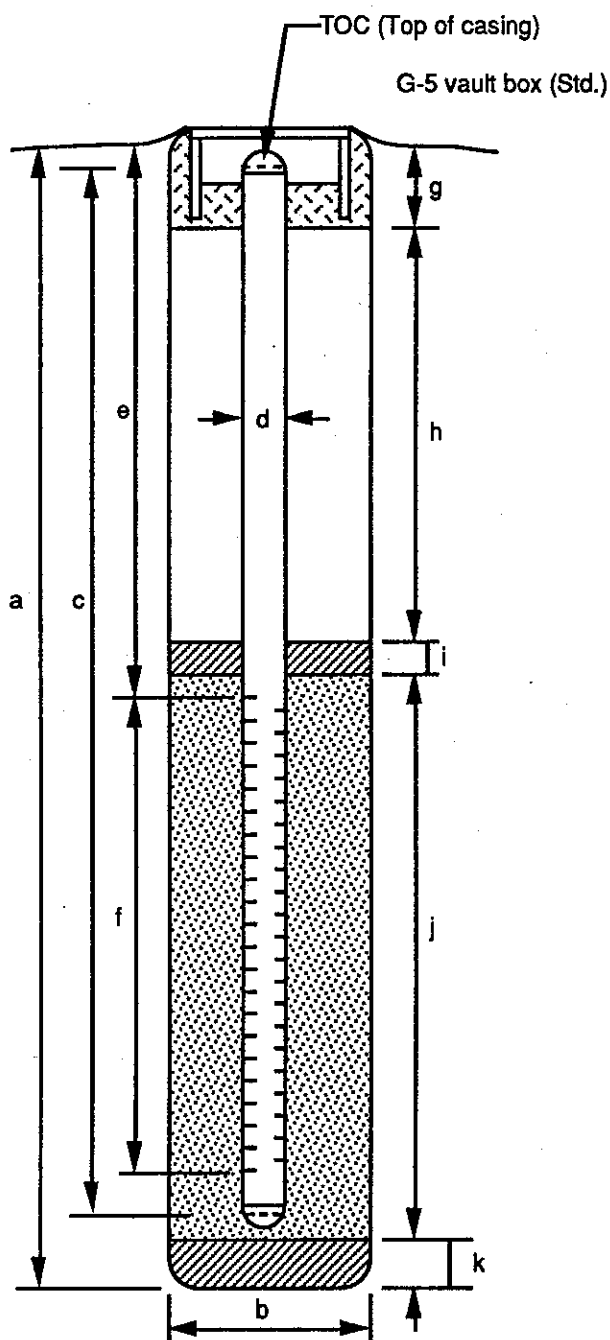
WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: Thiemann		Date of Inspection: 12/22/05		Permit: 05D00630	
Owner/Consultant No.: MW-12		Well Registration No.: 06501E050045			
Well Owner: Atlantic Richfield		Address of Well Site: 98 S. Park Victoria		City or County: Milp	
Drilling Company: Gregg		Consultant: LRS			
Well Depth: 35	Borehole Diameter: 8"	Casing Diameter: 4 1/2"	Casing Material: PVC	Well Type: <input checked="" type="checkbox"/> MSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: Ø to Ø			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: Long:					
Comments:					

WELL DETAILS

PROJECT NUMBER 805-73.15 BORING / WELL NO. EX-1
 PROJECT NAME ARCO SS#2100 TOP OF CASING ELEV. ~45.5 ft.
 LOCATION 98 South Park Victoria Drive, Milpitas GROUND SURFACE ELEV. ~55 ft.
 WELL PERMIT NO 90W2146 DATUM MSL
 INSTALLATION DATE 10/18/90



EXPLORATORY BORING

a. Total depth 40.0 ft.
 b. Diameter 12 in.
 Drilling method Hollow-stem augers

WELL CONSTRUCTION

c. Total casing length 40.0 ft.
 Material Schedule 40 PVC
 d. Diameter 4.5 in.
 e. Depth to top perforations 17.5 ft.
 f. Perforated length 19.5 ft.
 Perforated interval from 17.5 to 37.0 ft.
 Perforation type Machine-slot
 Perforation size 0.020-inch
 g. Surface seal 1.5 ft.
 Material Concrete
 h. Backfill 11.5 ft.
 Material Neat Cement
 i. Seal 2.0 ft.
 Material Bentonite
 j. Gravel pack 22.0 ft.
 Gravel pack interval from 15.0 to 37.0 ft.
 Material Lonestar #2/12
 k. Bottom seal/fill 3.0 ft.
 Material Bentonite

LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.15
PROJECT NAME ARCO SS #2100
BY K. ELLIOTT DATE 10/18/90

BORING NO. EX-1
PAGE 1 OF 2
SURFACE ELEV. ~55 ft.

DR AT

RECOVERY (ft/ft)	PRESSURE (psi)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
4.0/4.0			5			ASPHALT. SOIL AND GRAVEL FILL. SANDY CLAY (CL), dark gray (10YR, 4/1); 75-80% low to moderate plasticity fines; 20-25% fine sand; trace fine gravel; very stiff; damp; no product odor.	
1.5/1.5	250		10			CLAY (CL), light grayish brown (10YR, 6/2); 90-95% low to moderate plasticity fines; 5-10% fine sand; damp; no product odor.	
3.5/3.5	500		15			SAND (SM), light grayish brown (10YR, 6/2); 10% low plasticity fines; 90% fine to medium sand; damp; no product odor. CLAYEY SANDY GRAVEL (GC), olive (5Y, 5/3); 20-25% low plasticity fines; 20-25% fine sand; 50-60% fine to coarse gravel; damp; no product odor. SANDY CLAY (CL), light grayish brown (10YR, 6/2); 75-80% low to moderate plasticity fines; 20-25% fine sand; damp; no product odor.	
1.5/1.5	200 250 300		20			@ 18': low plasticity fines; trace to 10% coarse sand to fine gravel.	
3.5/3.5							
1.5/1.5	100 300 400						



REMARKS

Boring was drilled using 8-inch-diameter hollow-stem augers and reamed with 12-inch diameter hollow-stem augers. Continuous logging was conducted using a 3-inch-diameter by five-foot-long split barrel sampler and soil samples were collected using a 2.5-inch-diameter modified California split-spoon sampler. A 4.5-inch-diameter extraction well was installed in the boring.

LOG OF EXPLORATORY BORING

PROJECT NUMBER 805-73.15

BORING NO. EX-1

PROJECT NAME ARCO SS #2100

PAGE 2 OF 2

BY K. ELLIOTT DATE 10/18/90

SURFACE ELEV. ~55 ft.

RECOVERY (ft/ft)	PRESSURE (psi)	GROUND WATER LEVELS	DEPTH IN FT.	SAMPLES	LITHO- GRAPHIC COLUMN	DESCRIPTION	WELL DETAIL
2.5/3.5						@ 20': SANDY CLAY (CL), yellowish brown (10YR, 5/4); 70% moderate to high plasticity fines; 20% fine sand; 10% coarse sand to fine gravel; slight product odor. @ 22-23.5': strong product odor.	
1.5/1.5	250	10/18/90					
	600						
3.5/3.5	refusal		25				
1.5/1.5	250					SILTY SAND (SM), yellowish brown (10YR, 5/6); 20% non-plastic fines; 75% fine sand; 5% fine gravel; wet; no product odor.	
	300						
3.0/3.5	500		30			SANDY CLAY (CL), yellowish brown (10YR, 5/4); 70% moderate to high plasticity fines; 20% fine sand; 10% coarse sand to fine gravel; damp; no product odor.	
1.5/1.5	200					SILTY SAND (SM), yellowish brown (10YR, 5/6); 20% fines; 75% fine sand; 5% fine gravel; wet; no product odor.	
	250						
3.5/3.5	450		35				
1.5/1.5	300					@ 38': fine gravel content increasing.	
	400						
	500		40			BORING TERMINATED AT 40 FEET.	

REMARKS

Boring was drilled using 8-inch-diameter hollow-stem augers and reamed with 12-inch diameter hollow-stem augers. Continuous logging was conducted using a 3-inch-diameter by five-foot-long split barrel sampler and soil samples were collected using a 2.5-inch-diameter modified California split-spoon sampler. A 4.5-inch-diameter extraction well was installed in the boring.



Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: <u>Hammire</u>		Date of Inspection: <u>11-21-05</u>		Permit: <u>05000631</u>	
Owner/Consultant No.: <u>EX-1</u>			Well Registration No.: <u>06501E05 Q004</u>		
Well Owner: <u>Atlantic Richfield</u>		Address of Well Site: <u>95 S. Park Victoria</u>		City/County: <u>11.17.65</u>	
Drilling Company: <u>Giggs</u>		Consultant: <u>WRS</u>			
Well Depth: <u>35.95</u>	Borehole Diameter: <u>12"</u>	Casing Diameter: <u>5</u>	Casing Material: <u>PVC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____ Long: _____					
Comments: _____ _____ _____					

Permit No. 05D00634 Permit Date 9-21-05

Refer to Instruction Pamphlet

DWR USE ONLY — DO NOT FILL IN												
06501E050009												
STATE WELL NO./STATION NO.												
LATITUDE							LONGITUDE					
APN/TRS/OTHER												

GEOLOGIC LOG

GEOLOGIC LOG				WELL OWNER	
ORIENTATION (≤)		____ VERTICAL ____ HORIZONTAL ____ ANGLE ____ (SPECIFY)		Name <u>Atlantic Richfield Co.</u>	
DEPTH FROM SURFACE		DRILLING METHOD _____ FLUID _____		Mailing Address <u>P.O. Box 6549</u>	
Ft. to Ft.		DESCRIPTION		<u>Moraga CA 94570</u>	
		Describe material, grain size, color, etc.		CITY _____ STATE _____ ZIP _____	
0 40		Pressure grouted well per		Address <u>98 So. Park Victoria Dr.</u>	
		SCUWD requirements.		City <u>Wipitan</u>	
				County <u>Santa Clara</u>	
				APN Book <u>088</u> Page <u>01</u> Parcel <u>078</u>	
				Township _____ Range _____ Section _____	
				Latitude _____ Longitude _____	
				DEG. MIN. SEC. NORTH DEG. MIN. SEC. WEST	
				LOCATION SKETCH	
				NORTH _____	
				See Attached Map	
				WEST _____ EAST _____	
				SOUTH _____	
				Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.	
				ACTIVITY (≤)	
				____ NEW WELL	
				MODIFICATION/REPAIR	
				____ Deepen	
				____ Other (Specify) _____	
				DESTROY (Describe Procedures and Materials Under "GEOLOGIC LOG")	
				PLANNED USES (≤)	
				WATER SUPPLY	
				____ Domestic ____ Public	
				____ Irrigation ____ Industrial	
				MONITORING _____	
				TEST WELL _____	
				CATHODIC PROTECTION _____	
				HEAT EXCHANGE _____	
				DIRECT PUSH _____	
				INJECTION _____	
				VAPOR EXTRACTION _____	
				SPARGING _____	
				REMEDIATION _____	
				OTHER (SPECIFY) _____	
				WATER LEVEL & YIELD OF COMPLETED WELL	
				DEPTH TO FIRST WATER _____ (Ft.) BELOW SURFACE	
				DEPTH OF STATIC	
				WATER LEVEL _____ (Ft.) & DATE MEASURED _____	
				ESTIMATED YIELD * _____ (GPM) & TEST TYPE _____	
				TEST LENGTH _____ (Hrs.) TOTAL DRAWDOWN _____ (Ft.)	
				* May not be representative of a well's long-term yield.	
TOTAL DEPTH OF BORING <u>40</u> (Feet)					
TOTAL DEPTH OF COMPLETED WELL <u>40</u> (Feet)					

[illegible]

ATTACHMENTS (≤)

- ☒ Geologic Log (well Drillers Rpt.)
☒ Well Construction Diagram
☐ Geophysical Log(s)
☐ Soil/Water Chemical Analyses
☒ Other Well Vent. Notice

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION STATEMENT

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME Kirk S. Martin for Gregg Drilling
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)
ADDRESS 950 Howe Rd. Martinez CA 94553
CITY STATE ZIP
Signed [Signature] 12/29/05 48516
WELL DRILLER/AUTHORIZED REPRESENTATIVE DATE SIGNED C-57 LICENSE NO.

DATE SIGNED C-57 LICENSE NUMBER

EMCON 805-73.03

ORIGINAL
File with DWR

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES
WATER WELL DRILLERS REPORT

Do not fill in

No. 332226

Notice of Intent No. _____

Local Permit No. or Date 89W1758State Well No. 06S1E05Q20A

Other Well No. _____

(1) OWNER: Name ARCO RXM Products Co.
Address P.O. Box 5811
City San Mateo, CA ZIP 94402

(2) LOCATION OF WELL (See instructions):
County Santa Clara Owner's Well Number MW-2
Well address if different from above 98 S. Park Victoria, MP
Township 88 Range 4 Section 74
Distance from cities, roads, railroads, fences, etc. _____

(12) WELL LOG: Total depth 40.5 ft. Completed depth 40 ft.
from ft. to ft. Formation (Describe by color, character, size or material)

0.5 - GRAVEL, SAND, AND CLAY FILL
2.5 - CLAYEY SAND, very dark gray; fine
to coarse ~~XXXX~~ sand; trace fine
gravel; loose; damp.
24.0 - SANDY CLAY, mottled, dark yellowish
brown and grayish brown; fine to
medium sand; very stiff; moist.
29.0 - CLAYEY SAND, yellowish brown; fine
to medium sand; very stiff; wet.
35.8 - SANDY CLAY, yellowish brown; fine to
medium sand; very stiff; wet.
39.0 - SANDY CLAY, yellowish brown; fine to
medium sand; very stiff; wet.

SEE ATTACHED MAP

(3) TYPE OF WORK:
New Well ☒ Deepening ☐
Reconstruction ☐
Reconditioning ☐
Horizontal Well ☐
Destruction ☐ (Describe
destruction in _____ and pro-
cedures in item _____)

(4) PROPOSED USE:
Domestic ☐
Irrigation ☐
Industrial ☐
Test Well ☐
Municipal ☐
Other Monitoring ☒ (Describe)

WELL LOCATION SKETCH

(5) EQUIPMENT:

Rotary ☐ Reverse ☐
Cable ☐ Air ☐
Other ☒ Bucket ☐
Hollow-stem auger

(6) GRAVEL PACK Sand
Yes ☒ No ☐ Size 12-20
Diameter of bore 12"
Packed from 13 to 37.1

(7) CASING INSTALLED:

Steel ☐ Plastic ☒ Concrete ☐

(8) PERFORATIONS:
Type of perforation or size of screen

From ft.	To ft.	Dia. in.	Gage or Wall	From ft.	To ft.	Slot size
0	40	4.5	Sch. 40	17.5	37.1	0.020"

(9) WELL SEAL:

Was surface sanitary seal provided? Yes ☒ No ☐ If yes, to depth 2 ft.
Were strata sealed against pollution? Yes ☒ No ☐ Interval XXXXXX ft.
Method of sealing Concrete/Bentonite 13-15

(10) WATER LEVELS:

Depth of first water, if known 25.1 ft.
Standing level after well completion 15.8 ft.

(11) WELL TESTS:

Was well test made? Yes ☐ No ☒ If yes, by whom? _____
Type of test _____ Pump ☐ Bailor ☐ Air lift ☐
Depth to water at start of test _____ ft. At end of test _____ ft.
Discharge _____ gal/min after _____ hours Water temperature _____
Chemical analysis made? Yes ☐ No ☒ If yes, by whom? _____
Was electric log made? Yes ☐ No ☒ If yes, attach copy to this report

Work started 9/21 19 89 Completed 9/21 19 89

WELL DRILLER'S STATEMENT:

This well was drilled under my supervision and this report is true to the best of my knowledge and belief.

Signed _____ (Well Driller)

NAME Bayland Drilling

Address 600 Crane Ave. (Person, firm, or corporation) (Typed or printed)

City Foster City, CA ZIP 94404

License No. C57-374152 Date of this report 10/26/89

Santa Clara Valley Water District



WELL DESTRUCTION COMPLETION NOTICE

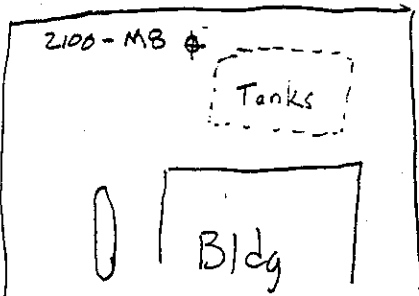
FCE 218 (08-14-98)

Inspector: <u>H. H. H. H. H.</u>		Date of Inspection: <u>11-2-05</u>		Permit: <u>05020624</u>	
Owner/Consultant No.: <u>EX-2</u>			Well Registration No.: <u>06501E 03 Q 009</u>		
Well Owner: <u>Alameda Ridge Road</u>		Address of Well Site: <u>98 S Park Victoria</u>		City or County: <u>San Mateo</u>	
Drilling Company: <u>G-22</u>		Consultant: <u>URS</u>			
Well Depth: <u>3F 3</u>	Borehole Diameter: <u>12"</u>	Casing Diameter: <u>5"</u>	Casing Material: <u>7VC</u>	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments) <input type="checkbox"/> Direct Push <input type="checkbox"/> Cable Tool	
Casing Perforated: _____ to _____			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry <input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate <input type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: _____		Long: _____			
Comments: _____ _____ _____					

Distribution: ORIGINAL-Permit File; YELLOW-City/County; PINK-Well File; GOLDENROD-Permittee

BROWN AND CALDWELL

LOCATION OF BORING



CLIENT

ARCO PETROLEUM PRODUCTS CO.

BORING NO.

2100-

LOCATION

ARCO SS # 2100

JOB NO.

3245-04

SHEET

1 OF 2

WATER LEVEL

18.35

TIME

1608

DATE

6/9/87

CASING DEPTH

23

DRILLING

START TIME

1411

FINISH TIME

1910

DRILLING CONTRACTOR PC EXPLORATION

DRILLING METHOD 10" O.D. CONTINUOUS

FLIGHT HOLLOW STEM AUGERS

SAMPLING METHOD MODIFIED CALIFORNIA DRIVE SAMPLE

(CA) STANDARD SPLIT SPOON SAMPLER (SP)

DATE

6/9/87

DATE

6/9/87

N/S

E/W

ELEV.

SURFACE CONDITIONS Asphalt in station driveway near Tanks.

MATERIALS ENCOUNTERED AND DRILLING CONDITIONS

0-0.3 Asphalt
0.3-0.8 Fill, Clay, sand, gravel, brown
0.8-1.0 Clay, brown sand. Sand is fine, silty
about 25-35% Moist.
Becomes more brown w/ calcite at about 2 ft.

Becomes less silty (<15%) below about 4 ft.

Gravelly at 5.5-6 ft. w/ cobbles to 2".

Moist. No odor

Clay, sandy, light brown. Sand is fine grained - about 40%. Up to 5% fine gravel. Dry No odor.

Silt, fine sandy, olive green, slightly moist. Fine sand - About 25-35% fine silty, 5% fine gravel.

TLV: 13.5-14' 550 ppm

Brown fine grained clay, wet, product seen Re-sample sample w/ cataphor

DRILLER MAIL WESTERVELT

RIG MOBILE DRILL B-53

BY R. WIEGAND, G. WYATT

DATE JUNE 9, 1987 CHK'D BY

WELL CONST.	ANNULUS CASING	CASING ANNEALS	SAMPLER TYPE	INCHES DRIVEN	INCHES RECOVERED	SAMPLE NO. DEPTH	BLOWS/6" SAMPLER	DEPTH IN FEET	SOIL CALLOUT
	CONCRETE	CL						0	
	CONCRETE	CL						1	CL
	CONCRETE	CL						2	
	CONCRETE	CL						3	
	CONCRETE	CL						4	
	CONCRETE	CL						5	
	CONCRETE	CL	CA	18	16		2 4	6	
	CONCRETE	CL	CA	18	18		2 5	7	
	CONCRETE	CL	CA	18	18		2 6	8	
	CONCRETE	CL	CA	18	14		2 3	9	ML
	CONCRETE	CL	CA	18	14		2 3	10	
	CONCRETE	CL	CA	18	14		2 3	11	
	CONCRETE	CL	CA	18	14		2 3	12	
	CONCRETE	CL	CA	18	14		2 3	13	
	CONCRETE	CL	CA	18	14		2 3	14	
	CONCRETE	CL	CA	18	14		2 3	15	
	CONCRETE	CL	CA	18	14		2 3	16	
	CONCRETE	CL	CA	18	14		2 3	17	
	CONCRETE	CL	CA	18	14		2 3	18	
	CONCRETE	CL	CA	18	14		2 3	19	
	CONCRETE	CL	CA	18	14		2 3	20	

BROWN AND CALDWELL

LOCATION OF BORING	CLIENT ARLO PETROLEUM PRODUCTS CO.				BORING NO.	
	LOCATION ARLO SS # 2100		JOB NO. 3245-04		2100-MB	
	WATER LEVEL	16.8	16.4		SHEET	
	TIME	14:13	16:19		2 OF 2	
	DATE	6/9	6/9/87		DRILLING	
	CASING DEPTH	22	23		START	FINISH
					TIME	TIME
	DRILLING CONTRACTOR				DATE	DATE
	DRILLING METHOD					
SAMPLING METHOD						

WELL CONST.		SAMPLER TYPE	INCHES DRIVEN INCHES RECOVERED	SAMPLE NO. SAMPLE DEPTH	BLOWS/6" SAMPLER	DEPTH IN FEET	SOIL CALLOUT	N/S		E/W		ELEV.
CASING	ANNULUS							SURFACE CONDITIONS				
MATERIALS ENCOUNTERED AND DRILLING CONDITIONS												
4" DIAMETER SCH. 40 PVC SLOTTED CASING No. 1 SAND FILTER MATERIAL	↑	SP ↓	18 16	2 3	3	20	X	CL	fine clay, sandy, w/ small fraction, wet sand lenses at 24'			
						1						
						2						
						3						
						4						
						5						
						6						
		SP ↓	18 18	3 6	10	7						
						8						
						9						
						30						
						1						
						2						
						3						
						4						
						5						
						6						
						7						
						8						
						9						
						0						

Santa Clara Valley Water District

WELL DESTRUCTION COMPLETION NOTICE

FCE 218 (08-14-98)

Inspector: Thiemann		Date of Inspection: 12/22/05		Permit: 05D00632	
Owner/Consultant No.: M-8		Well Registration No.: 06301F05Q013			
Well Owner: Atlantic Richfield		Address of Well Site: 98 S. Park Victoria		City or County: Mip	
Drilling Company: Gregg		Consultant: LRS			
Well Depth: 26	Borehole Diameter: 10"	Casing Diameter: 4"	Casing Material: PVC	Well Type: <input checked="" type="checkbox"/> HSA <input type="checkbox"/> Rotary <input type="checkbox"/> Other (see comments)	
Casing Perforated: 0 to 0			Sealing Material: <input checked="" type="checkbox"/> Neat Cement <input type="checkbox"/> 10 Sack Sand Slurry		
			<input type="checkbox"/> Bentonite <input type="checkbox"/> Other (See Comments)		
Destruction Method: <input checked="" type="checkbox"/> Pressure Grout <input type="checkbox"/> Drill Out <input type="checkbox"/> Excavate					
<input checked="" type="checkbox"/> Bail, Perf, & Backfill <input type="checkbox"/> Bail & Backfill <input type="checkbox"/> Other (See Comments)					
Well destroyed according to provisions of Santa Clara Valley Water District Permit?				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (See Comments)	
GPS Coordinates: Lat: Long:					
Comments:					